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PLASTICS:

A List of Books and Periodicals

The Bureau receives many requests for information about plastics. Often, the desired information is available in a published book or periodical. This list of books and periodicals has, therefore, been prepared to serve for reference purposes in replying to inquiries and to provide a bibliography for those who wish to consult publications on plastics at technical libraries. The list includes only a limited number of the many books which are available. However, those listed are believed to be representative and have been found to be useful as sources of information on the preparation, properties, applications, and testing of plastics. The prices and subscription rates should be confirmed by correspondence with the publishers; foreign subscription rates are higher. Where prices are not shown, the publications are available without charge to the trade.

For those who desire information regarding the work and publications of the National Bureau of Standards in the field of plastics, the following reference will be of interest: "Plastics Research and Technology at the National Bureau of Standards," by Gordon M. Kline, National Bureau of Standards Circular C494.

Where the price is stated, government publications can be purchased from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. The price quoted is for delivery to addresses in the United States and its territories and possessions and in certain foreign countries which extend the franking privilege. In the case of all other countries, one-third the cost of the publication should be added to cover postage. Remittances should be made either by coupons (obtainable from the Superintendent of Documents in sets of 20 for \$1.00 and good until used) or by check or money

order payable to the "Superintendent of Documents, Government Printing Office" and sent to him with the order. Postage stamps should not be sent in payment for these publications.

The publications on plastics are grouped in this Letter Circular into the following classifications:

General
Government
Home Crafts
Formulas
Technology
Properties
Test Methods
Chemistry
Adhesives
Coatings
Periodicals
Industry

GENERAL

1. PLASTICS. J. H. DuBois. 3rd edition. 1945. American Technical Society, Drexel Ave. at 58th St., Chicago 37, Ill. \$5.00.
2. PRODUCTION AND PROPERTIES OF PLASTICS. S. L. Kaye. 1947. International Textbook Co., Scranton 9, Pa. \$5.00.
3. HOW TO BUY AND SELL PLASTICS. Laura E. Morrison. 1948. Plastic Materials Manufacturers' Association, Inc., 731 Tower Bldg., Washington 5, D. C. 25 cents.
4. FUNDAMENTALS OF PLASTICS. H. M. Richardson and J. W. Wilson. 1946. McGraw-Hill Book Co., Inc., 330 W. 42nd St., New York 18, N. Y. \$4.00.
5. MEET THE PLASTICS. C. N. Robinson. 1949. The Macmillan Co., 60 Fifth Ave., New York 11, N. Y. \$3.75.
6. PLASTICS IN PRACTICE. J. Sasso and M. A. Brown, Jr. 1948. McGraw-Hill Book Co., Inc., 330 W. 42nd St., New York 18, N. Y. \$4.50.
7. INDUSTRIAL PLASTICS. Herbert R. Simonds. 3rd edition. 1945. Pitman Publishing Corp., 2 W. 45th St., New York 19, N. Y. \$5.00.

The encyclopedia listed in reference 53 is also a source of general information on the materials, processes, and equipment employed in the plastics industry, and contains charts of the properties of plastics, solvents, plasticizers, synthetic rubbers, adhesives, coatings, and fibers.

GOVERNMENT

8. CENSUS OF MANUFACTURES - 1947. MC28B. INDUSTRIAL ORGANIC CHEMICALS. U. S. Department of Commerce, Bureau of the Census. Superintendent of Documents, Government Printing Office, Washington 25, D. C. 10 cents. Includes statistics on the plastic materials industry for employment, pay rolls, value added by manufacture, value of shipments, cost of raw materials, expenditures for plants and equipment, and materials manufactured.
9. CENSUS OF MANUFACTURES - 1947. MC39D. PLASTICS PRODUCTS; MISCELLANEOUS MANUFACTURES. U. S. Department of Commerce, Bureau of the Census. Superintendent of Documents, Government Printing Office, Washington 25, D. C. 10 cents. Includes statistics for the plastics products industry similar to those listed for materials in reference 8.
10. PLASTICS MATERIALS (BASIC INFORMATION SOURCES). U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce, Washington 25, D. C. Free.
11. BIBLIOGRAPHY OF REPORTS ON PLASTICS. SB-3. U. S. Department of Commerce, Office of Technical Services, Washington 25, D. C. Free.
12. EMPLOYMENT OUTLOOK IN THE PLASTICS PRODUCTS INDUSTRY. U. S. Department of Labor, Bureau of Labor Statistics Bulletin No. 929. 1948. Superintendent of Documents, Government Printing Office, Washington 25, D. C. 15 cents.
13. PLASTICS PRODUCTS. U. S. Tariff Commission. War Changes in Industry Series Report No. 28. 1948. Superintendent of Documents, Government Printing Office, Washington 25, D. C. 25 cents.
14. SYNTHETIC PLASTICS AND RESIN MATERIALS. Facts for Industry Series 6-10-1C. U. S. Tariff Commission, Washington 25, D. C. Free. Monthly preliminary reports on production and sales.

15. SYNTHETIC ORGANIC CHEMICALS, UNITED STATES PRODUCTION AND SALES (PRELIMINARY). U. S. Tariff Commission, Washington 25, D. C. Free. Annual preliminary reports on plastic materials, plasticizers, and elastomers.
16. SYNTHETIC ORGANIC CHEMICALS, UNITED STATES PRODUCTION AND SALES, 1948. U. S. Tariff Commission Report No. 164, Second Series. Superintendent of Documents, Government Printing Office, Washington 25, D. C. 40 cents.
17. FEDERAL SPECIFICATIONS INDEX. General Services Administration, Bureau of Federal Supply. Revised to January 1, 1949. Superintendent of Documents, Government Printing Office, Washington 25, D. C. 40 cents.
18. UNITED STATES ARMY INDEX OF SPECIFICATIONS. Department of the Army. January 1, 1949. Superintendent of Documents, Government Printing Office, Washington 25, D. C. \$1.50.

HOME CRAFTS

19. PLASTIC ARTS CRAFTS. J. V. Adams. 1948. D. Van Nostrand Co., Inc., 250 Fourth Ave., New York 3, N. Y. \$2.75.
20. GENERAL PLASTICS. R. Cherry. 1941. McKnight and McKnight, 109-111 W. Market St., Bloomington, Ill. \$1.50.
21. MOLDING AND CASTING. C. D. Clarke. 1946. The Standard Arts Press, 2635 N. Calvert St., Baltimore 18, Md. \$6.50.
22. PLASTIC CRAFT. E. S. De Wick and J. H. Cooper. 1946. Macmillan Co., 60 Fifth Ave., New York 11, N. Y. \$5.00.
23. WORKING WITH PLASTICS. Arthur Dunham. 1948. McGraw-Hill Book Co., Inc., 330 W. 42nd St., New York 18, N. Y. \$3.50.
24. PRESERVATION OF AGRICULTURAL SPECIMENS IN PLASTICS. G. R. Fessenden. U. S. Department of Agriculture Miscellaneous Publication No. 679. 1949. Superintendent of Documents, Government Printing Office, Washington 25, D. C. 25 cents.

25. PLASTICS IN THE SCHOOL AND HOME WORKSHOP. A. J. Lockrey.
3rd edition. 1946. D. Van Nostrand Co., Inc., 250
Fourth Ave., New York 3, N. Y. \$3.50.
26. PLASTICS--PROBLEMS AND PROCESSES. D. E. Mansperger and
C. W. Pepper. 2nd edition. 1942. International
Textbook Co., Scranton 9, Pa. \$2.50.
27. ADVENTURES WITH PLASTICS. L. V. Newkirk, C. Hewitt, and
L. Zutter. 1947. D. C. Heath and Co., 180 Varick
St., New York 14, N. Y. \$3.50.

FORMULAS

28. THE 1948 CHEMICAL FORMULARY. H. Bennett. Chemical Pub-
lishing Co., Inc., 26 Court St., Brooklyn 2, N. Y.
\$7.00.
29. HENLEY'S TWENTIETH CENTURY BOOK OF FORMULAS, PROCESSES,
AND TRADE SECRETS. G. D. Hiscox. 1942. Norman W.
Henley Publishing Co., 17 W. 45th St., New York 19,
N. Y. \$4.00.

TECHNOLOGY

30. GERMAN PLASTICS PRACTICE. J. M. DeBell, W. C. Goggin, and
W. E. Gloor. 1946. DeBell and Richardson, Hazard-
ville, Conn. \$7.50.
31. PLASTICS IN ENGINEERING. J. Delmonte. 3rd edition. 1949.
Penton Publishing Co., 1213 W. 3rd St., Cleveland 13,
Ohio. \$10.00.
32. LOW-PRESSURE LAMINATING OF PLASTICS. J. S. Hicks. 1947.
Reinhold Publishing Corp., 330 W. 42nd St., New York 18,
N. Y. \$4.50.
33. TECHNOLOGY OF PLASTICS AND RESINS. J. P. Mason and J. F.
Manning. 1945. D. Van Nostrand Co., Inc., 250
Fourth Ave., New York 3, N. Y. \$6.50.
34. CELLULOSE AND CELLULOSE DERIVATIVES. Emil Ott. 1943.
Interscience Publishers, Inc., 215 Fourth Ave., New
York 3, N. Y. \$15.00.

- 35. CASEIN AND ITS INDUSTRIAL APPLICATIONS. E. Sutermeister and F. L. Browne. 1939. Reinhold Publishing Corp., 330 W. 42nd St., New York 18, N. Y. \$6.50.
- 36. PLASTICS THEORY AND PRACTICE. C. C. Winding and R. L. Hasche. 1947. McGraw-Hill Book Co., Inc., 330 W. 42nd St., New York 18, N. Y. \$3.50.

PROPERTIES

- 37. MECHANICAL BEHAVIOR OF HIGH POLYMERS. T. Alfrey, Jr. High Polymers Series, Vol. VI. 1948. Interscience Publishers, Inc., 215 Fourth Ave., New York 3, N. Y. \$9.50.
- 38. PLASTICS PROPERTIES CHART. Published annually in Modern Plastics Encyclopedia. (See reference 52).
- 39. HANDBOOK OF PLASTICS. H. R. Simonds, A. J. Weith, and M. H. Bigelow. 1949. D. Van Nostrand Co., Inc., 250 Fourth Ave., New York 3, N. Y. \$25.00.
- 40. TECHNICAL DATA ON PLASTICS. 1948. Plastic Materials Manufacturers' Association, Inc., 731 Tower Bldg., Washington 5, D. C. \$2.50.
- 41. SPI HANDBOOK. 1947. Society of the Plastics Industry, 295 Madison Ave., New York 17, N. Y. \$7.50.

TEST METHODS

- 42. A.S.T.M. STANDARDS ON PLASTICS. Sept. 1948. American Society for Testing Materials, 1916 Race St., Philadelphia 3, Pa. \$4.50.
- 43. FEDERAL SPECIFICATION L-P-406a FOR PLASTICS, ORGANIC; GENERAL SPECIFICATIONS, TEST METHODS. Jan. 24, 1944. Amendment-1, Apr. 15, 1949. Superintendent of Documents, Government Printing Office, Washington 25, D. C. 15 cents.

CHEMISTRY

- 44. THE CHEMISTRY OF SYNTHETIC RESINS. Carleton Ellis. 1935. Reinhold Publishing Corp., 330 W. 42nd St., New York 18, N. Y. \$22.50.

45. THE CHEMISTRY OF COMMERCIAL PLASTICS. R. L. Wakeman. 1947. Reinhold Publishing Corp., 330 W. 42nd St., New York 18, N. Y. \$10.00.

ADHESIVES

46. A.S.T.M. STANDARD ON ADHESIVES. 1947. American Society for Testing Materials, 1916 Race St., Philadelphia 3, Pa. \$1.25.
47. THE TECHNOLOGY OF ADHESIVES. J. Delmonte. 1947. Reinhold Publishing Corp., 330 W. 42nd St., New York 18, N. Y. \$8.00.
48. MODERN WOOD ADHESIVES. T. D. Perry. 1944. Pitman Publishing Co., 2 W. 45th St., New York 19, N. Y. \$3.00.

COATINGS

49. PROTECTIVE AND DECORATIVE COATINGS. J. J. Mattiello. 1945. Superintendent of Documents, Government Printing Office, Washington 25, D. C. \$1.25.

PERIODICALS

50. JOURNAL OF POLYMER SCIENCE. Monthly magazine. Interscience Publishers, Inc., 215 Fourth Ave., New York 3, N.Y. \$15.00 per year.
51. MODERN PLASTICS. Published monthly. Modern Plastics, Inc., 122 E. 42nd St., New York 17, N. Y. \$5.00 per year.
52. MODERN PACKAGING ENCYCLOPEDIA. Published annually. Packaging Catalog Corp., 122 East 42nd St., New York 17, N. Y. \$5.00.
53. MODERN PLASTICS ENCYCLOPEDIA. Published annually. Plastics Catalogue Corp., 122 E. 42nd St., New York 17, N. Y. \$5.00.
54. PLASTICS BUYER. Published annually. Cleworth Publishing Co., Inc., 551 Fifth Ave., New York 17, N. Y. \$3.00.
55. PLASTICS INDUSTRY. Published monthly. Miller Freeman Publications of California, 170 Lexington Ave., New York 17, N. Y. \$3.00 per year.

56. PLASTICS WORLD. Published monthly. Cleworth Publishing Co., Inc., 551 Fifth Ave., New York 17, N. Y. \$3.00 per year.

INDUSTRY

57. BAKELITE REVIEW. Published quarterly. Bakelite Division, Union Carbide and Carbon Corp., 30 East 42nd St., New York 17, N. Y.
58. CELANESE PLASTICS. Published monthly. Celanese Corp. of America, 180 Madison Ave., New York 16, N. Y.
59. DOW DIAMOND. Published bimonthly. Dow Chemical Co., Midland, Mich.
60. DU PONT PLASTICS BULLETIN. Published quarterly. E. I. du Pont de Nemours and Co., Polychemicals Dept., Arlington, N. J.
61. DUREZ PLASTIC NEWS. Published monthly. Durez Plastics and Chemicals; Inc., 8 Walck Rd., North Tonawanda, N. Y.
62. FORMICA WORLD. Published quarterly. Formica Co., 4614 Spring Grove Ave., Cincinnati 32, Ohio.
63. HERCULES CHEMIST. Published quarterly. Hercules Powder Co., 916 Market St., Wilmington 99, Del.
64. MONSANTO MAGAZINE. Published monthly. Monsanto Chemical Co., Department of Industrial and Public Relations, 1700 S. Second St., St. Louis 4, Mo.
65. PLASKON MAGAZINE. Published quarterly. Plaskon Div., Libbey-Owens-Ford Glass Co., 2112 Sylvan Ave., Toledo 6, Ohio.
66. PLASTICS NEWSFRONT. Published monthly. American Cyanamid Co., Plastics Div., 30 Rockefeller Plaza, New York 20, N. Y.
67. ROHM AND HAAS REPORTER. Published bimonthly. Rohm and Haas Co., 222 W. Washington Sq., Philadelphia 5, Pa.